--METHOD FOR VALIDATING THAT THE DETECTION ABILITY OF A SENSOR

ARRAY MIMICS A HUMAN NOSE DETECTION ABILITY--

IN THE CLAIMS:

Please cancel claims 1-8 and 16 without prejudice or disclaimer.

Please amend claim 9 as follows:

9.   (Amended) A method for validating that a sensor array detection ability mimics a human nose detection ability, the method comprising:

(a) contacting said sensor array with a constant fraction of a known vapor pressure of a first odorant to produce a first response intensity;

(b) contacting said sensor array with a constant fraction of a known vapor pressure of a second odorant to produce a second response intensity;

(c) comparing said first response intensity to said second response intensity; and

(d) determining whether said response intensities are similar, thereby validating that said sensor array response detection ability mimics said human nose detection ability.

Please add new claim 17.

--17.   (New) A method for validating that a sensor array detection ability mimics a human nose detection ability, the method comprising:

(a) contacting said sensor array with a first odorant with a first vapor pressure to produce a first response intensity;

(b) contacting said sensor array with a second odorant with a vapor pressure lower than said first vapor pressure to produce a second response intensity;

(c) comparing said first response intensity to said second response intensity; and